

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006540.D
 Acq On : 20 Jul 2016 02:26
 Operator : UM/SJ
 Sample : H4029-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJB3

Manual Integrations

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 7/20/2016 7:48:03 PM

Quant Time: Jul 20 05:22:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	187102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	824069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	465477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1030713	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1162458	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1232574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6889	1.55	ng/uL	0.00
5) Phenol-d5	6.79	99	280381	18.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	177990	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	223371	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	224843	18.45	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	107347	17.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	117648	16.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	214180	16.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	303265	21.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	675032	17.72	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	846642	17.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	100769	15.23	ng/ul	0.00
57) Fluorene-d10	15.26	176	598927	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	77554	13.01	ng/ul	0.00
70) Anthracene-d10	17.11	188	927786	19.04	ng/ul	0.00
76) Pyrene-d10	19.42	212	1023764	19.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1071403	19.01	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.72	163	252951	6.54	ng/ul	99
69) Phenanthrene	17.06	178	111674	1.97	ng/ul	97
71) Anthracene	17.14	178	102320	1.76	ng/ul	99
74) Fluoranthene	19.08	202	260913	3.96	ng/ul	99
77) Pyrene	19.44	202	257545	3.71	ng/ul	99
80) Benzo(a)anthracene	21.20	228	195636m	2.76	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.13	149	1256893	29.66	ng/ul	100
82) Chrysene	21.25	228	206507	3.09	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	234522	3.18	ng/ul	99
86) Benzo(k)fluoranthene	22.79	252	89528m	1.29	ng/ul	
88) Benzo(a)pyrene	23.31	252	205964	2.92	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	121318	1.48	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	95595	1.32	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

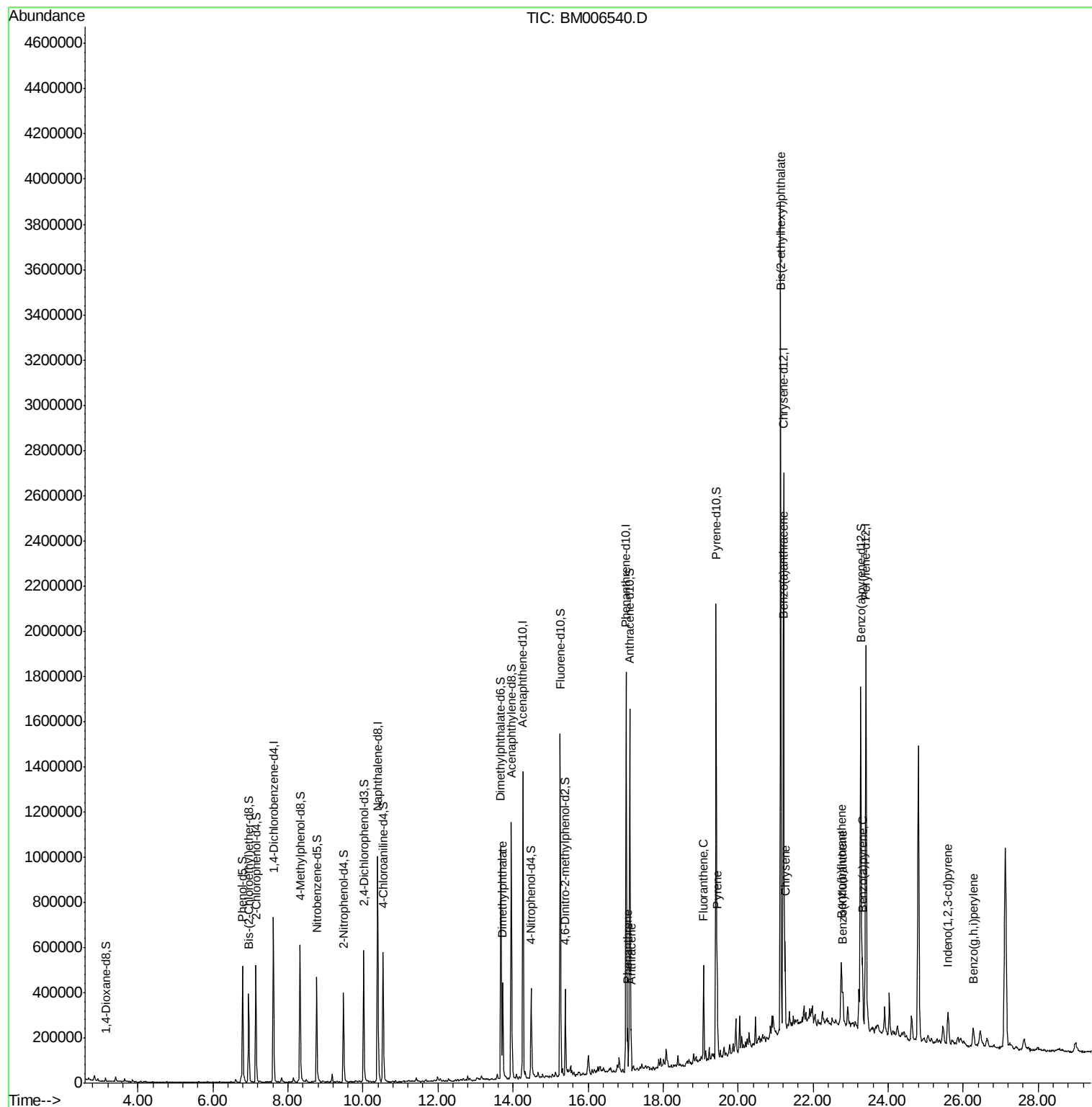
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006540.D
Acq On : 20 Jul 2016 02:26
Operator : UM/SJ
Sample : H4029-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

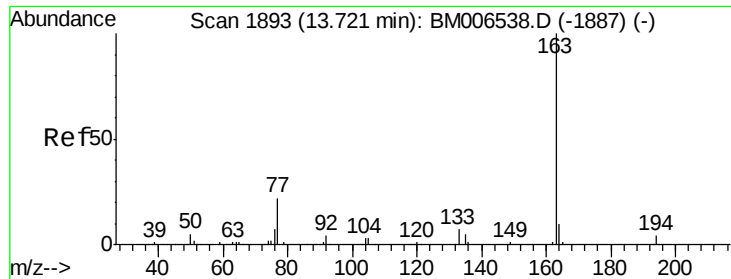
Instrument :
BNA_M
ClientSampleId :
BDJB3

Manual Integrations

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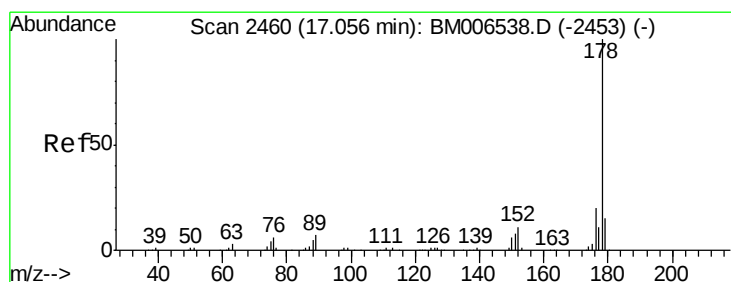
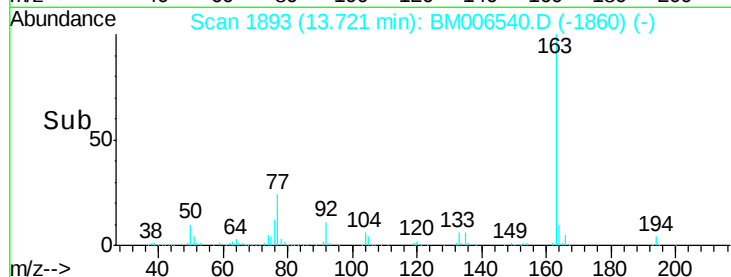
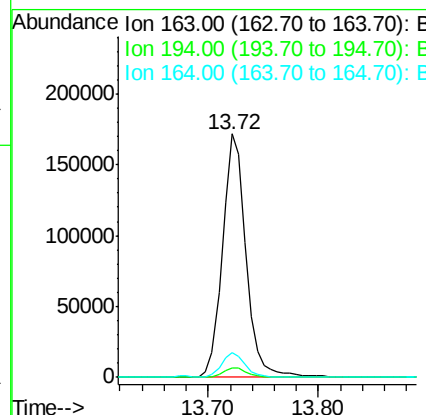
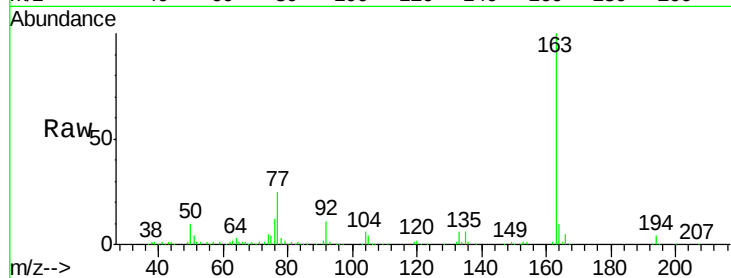
#44
Dimethylphthalate
Concen: 6.54 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006540.D
Acq: 20 Jul 2016 02:26

Instrument :
BNA_M
ClientSampleId :
BDJB3

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.9	7.8	11.8

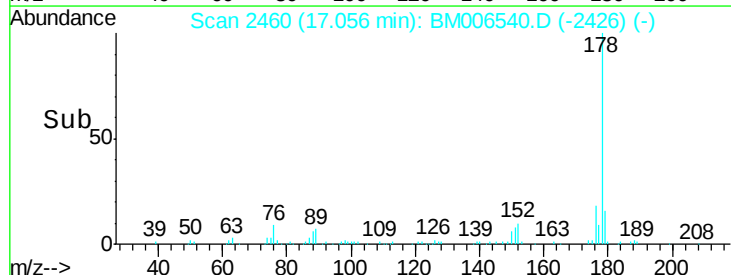
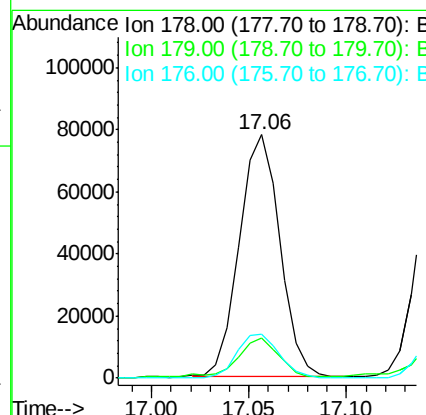
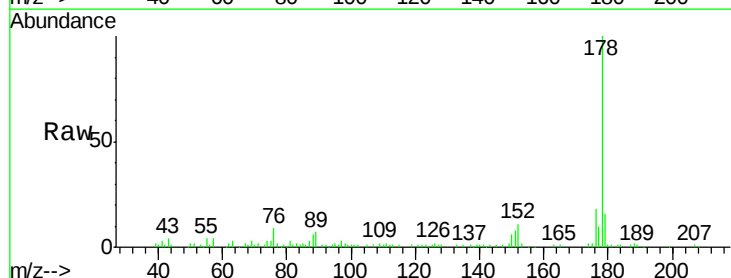
Manual Integrations

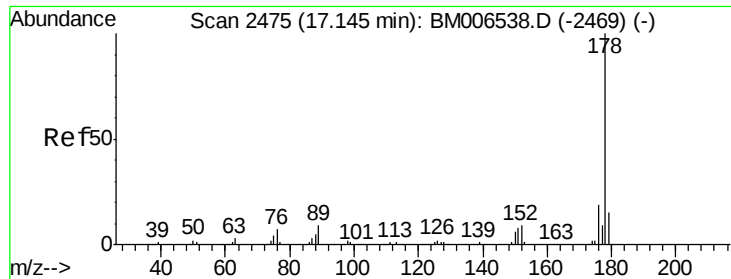
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#69
Phenanthrene
Concen: 1.97 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BM006540.D
Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.9	17.9
176	18.1	15.2	22.8





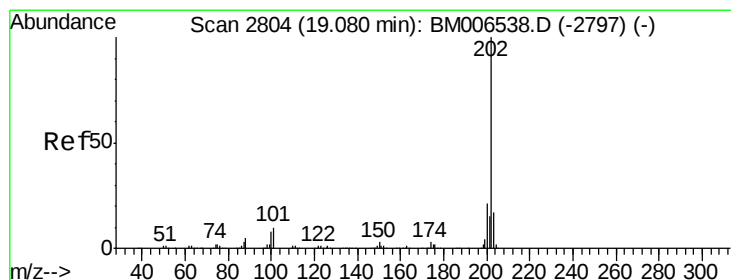
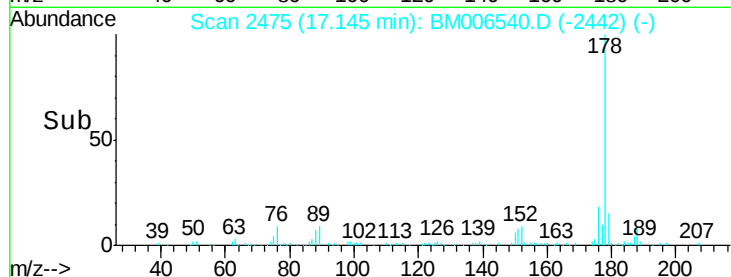
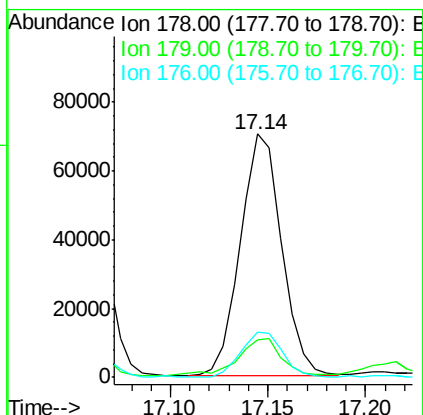
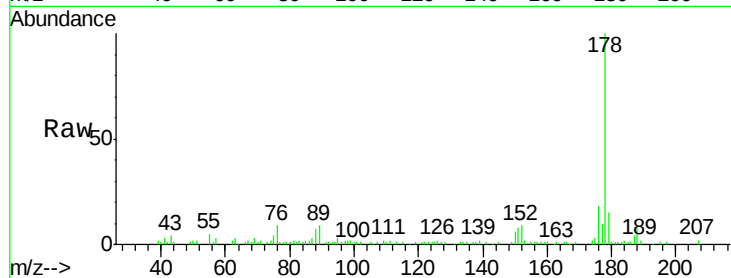
#71
 Anthracene
 Concen: 1.76 ng/ul
 RT: 17.14 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Instrument :
 BNA_M
 ClientSampleId :
 BDJB3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.5	15.0	22.6

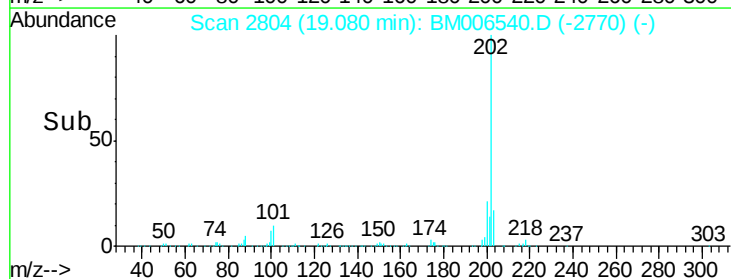
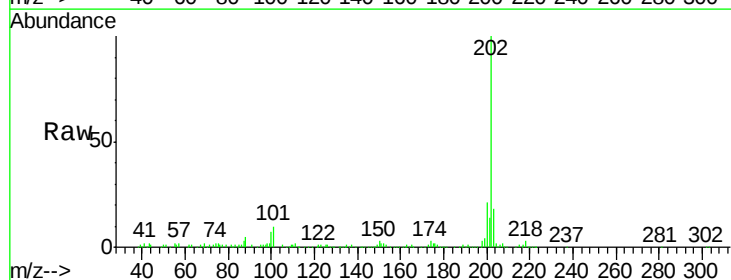
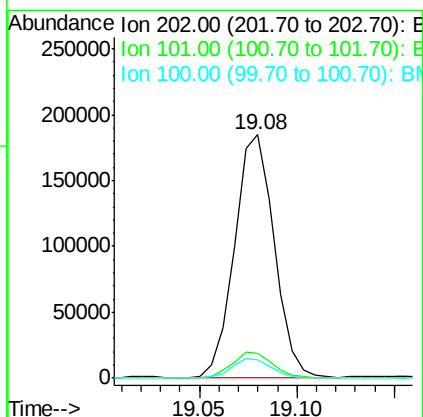
Manual Integrations

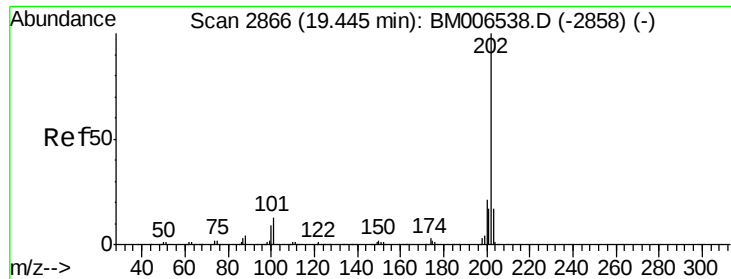
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#74
 Fluoranthene
 Concen: 3.96 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.3	6.4	9.6





#77

Pyrene

Concen: 3.71 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

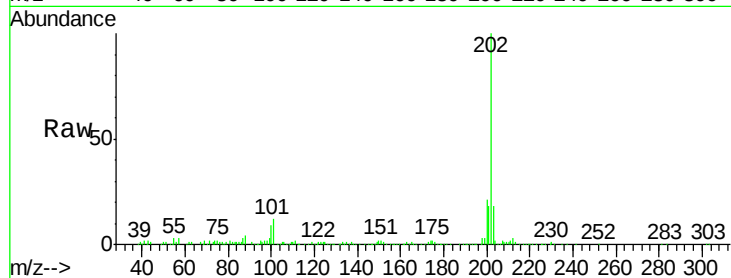
ClientSampled :

BDJB3

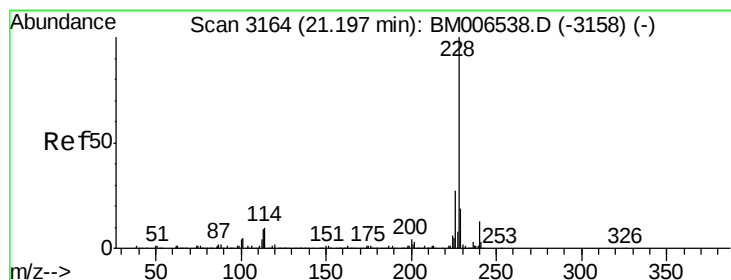
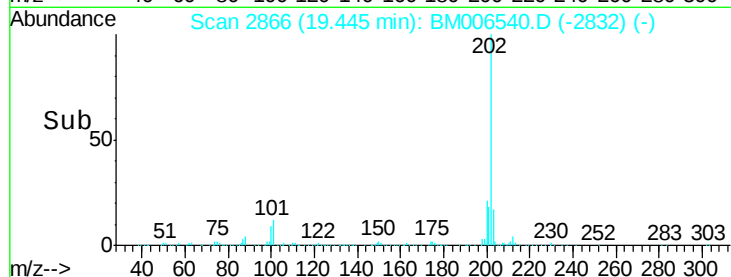
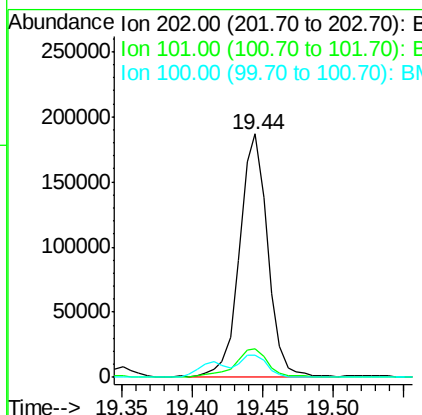
Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.0	15.0
100	9.3	7.9	11.9



#80

Benzo(a)anthracene

Concen: 2.76 ng/ul m

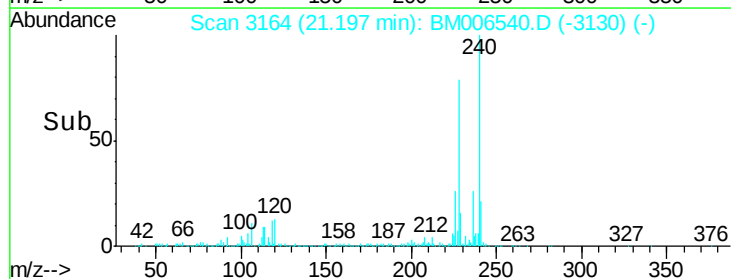
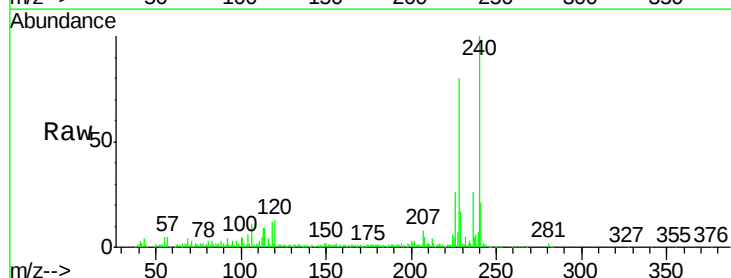
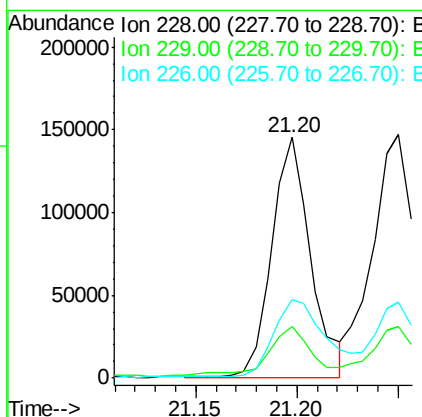
RT: 21.20 min Scan# 3164

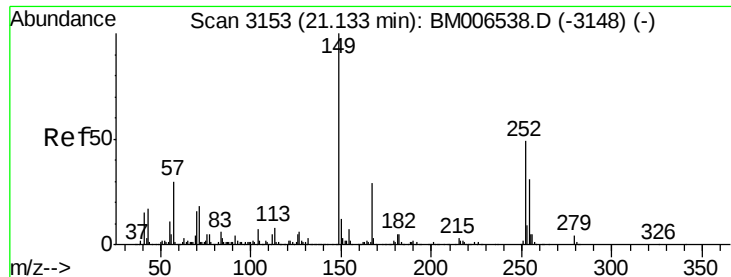
Delta R.T. 0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	32.7	21.4	32.2#





#81

Bis(2-ethylhexyl)phthalate

Concen: 29.66 ng/ul

RT: 21.13 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

ClientSampleId :

BDJB3

Tgt Ion:149 Resp: 1256893

Ion Ratio Lower Upper

149 100

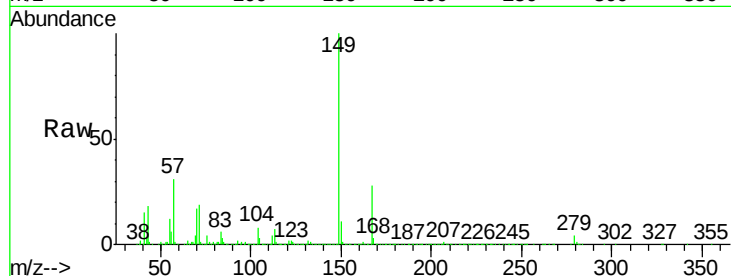
167 27.8 22.2 33.2

279 4.3 3.1 4.7

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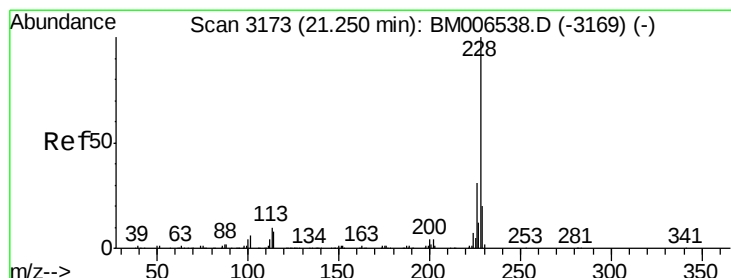
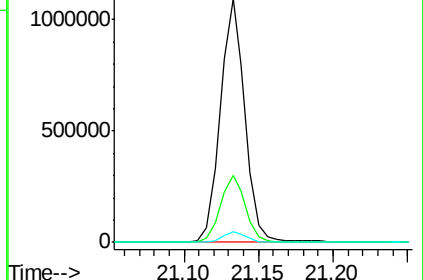
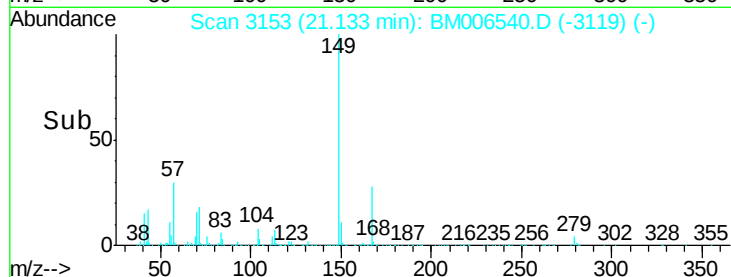
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 3.09 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

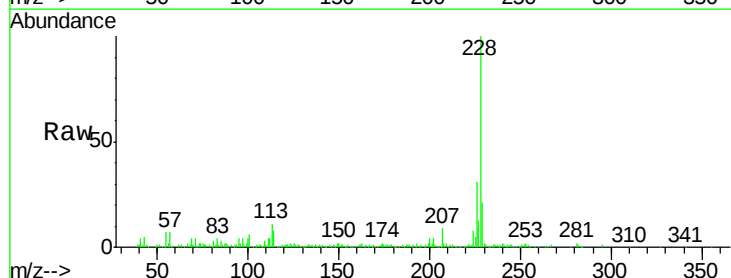
Tgt Ion:228 Resp: 206507

Ion Ratio Lower Upper

228 100

226 31.1 23.3 34.9

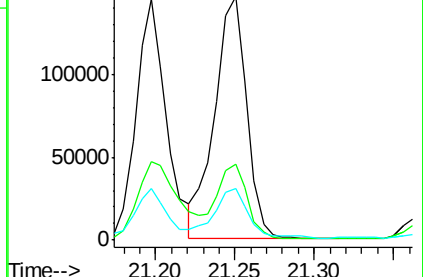
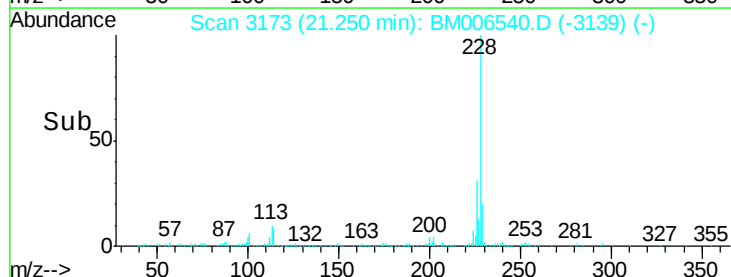
229 21.1 15.8 23.8

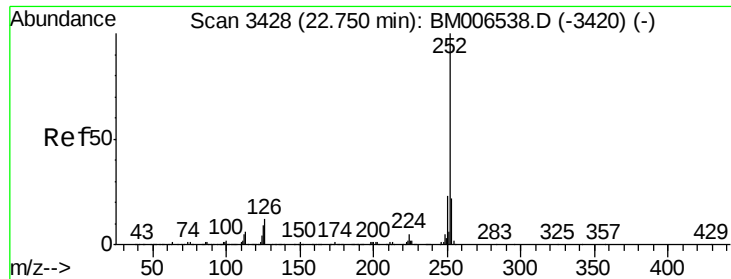


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.18 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006540.D

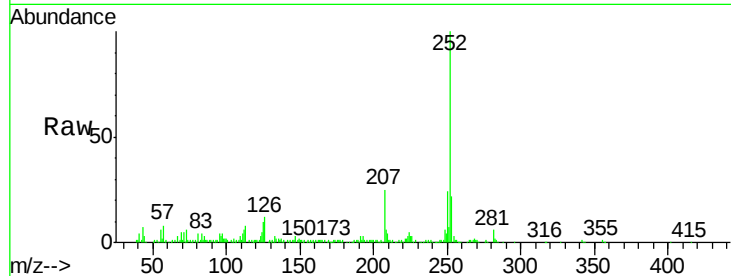
Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

ClientSampleId :

BDJB3

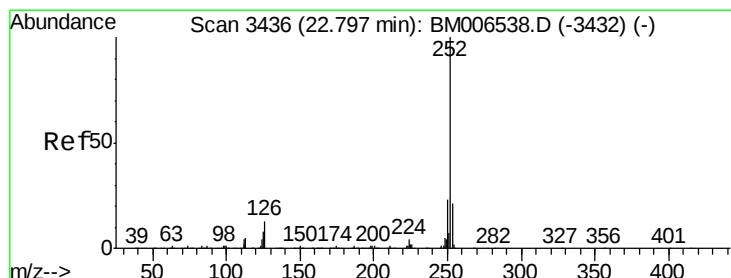
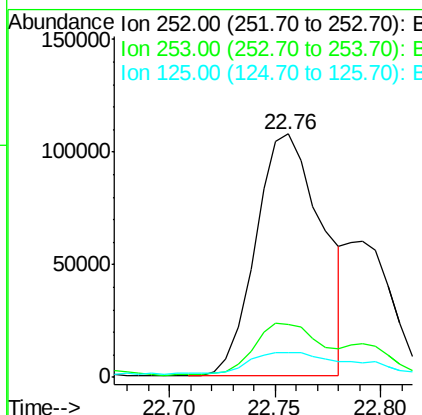
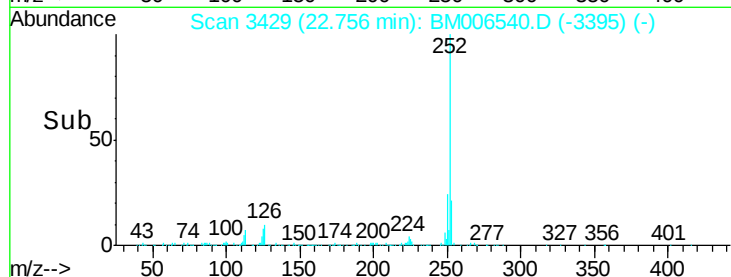


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.0	6.7	10.1

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#86

Benzo(k)fluoranthene

Concen: 1.29 ng/ul m

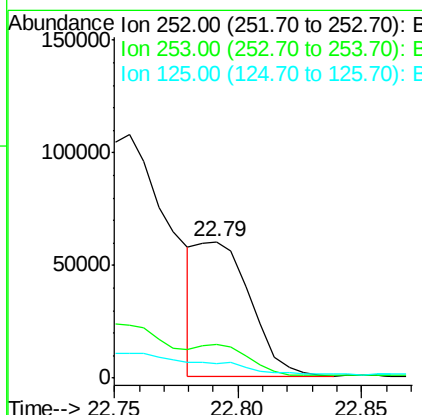
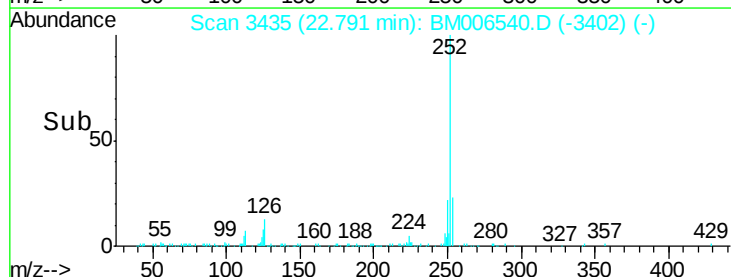
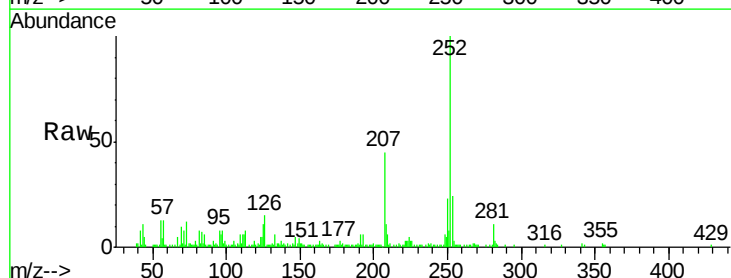
RT: 22.79 min Scan# 3435

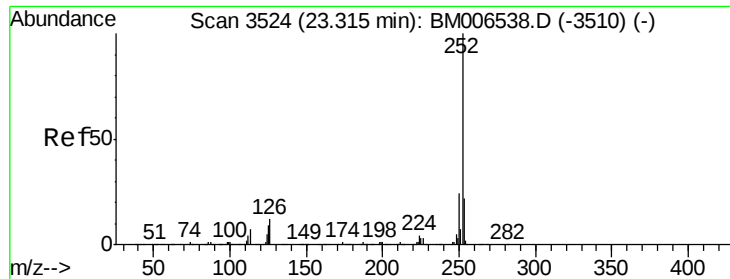
Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	10.9	7.0	10.4#





#88

Benzo(a)pyrene

Concen: 2.92 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006540.D

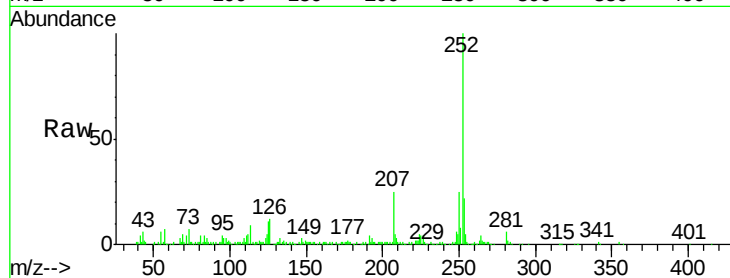
Acq: 20 Jul 2016 02:26

Instrument :

BNA_M

ClientSampleId :

BDJB3

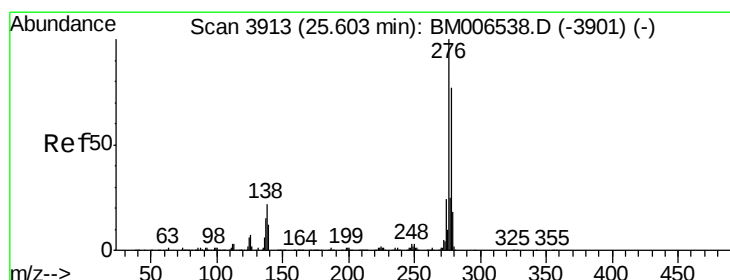
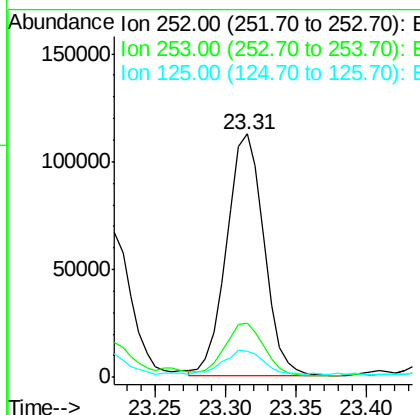
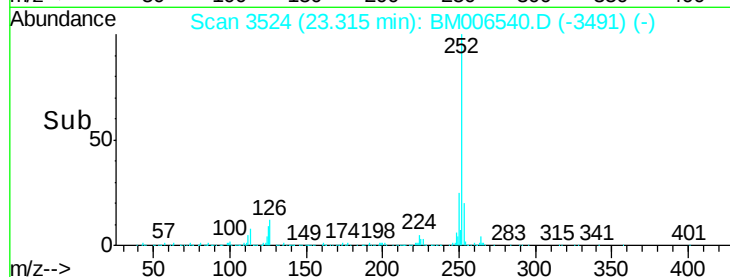


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.9	7.6	11.4

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.48 ng/ul

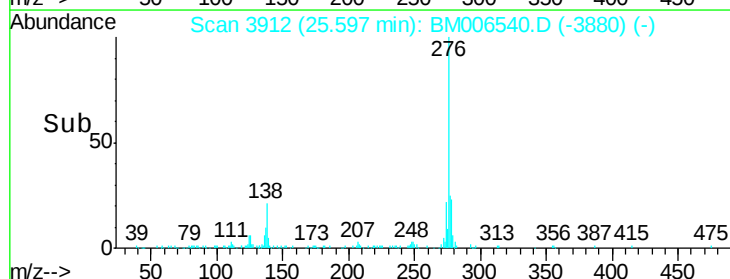
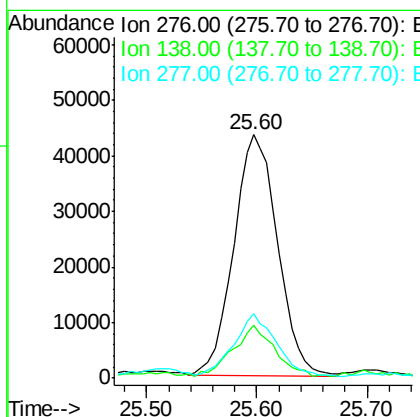
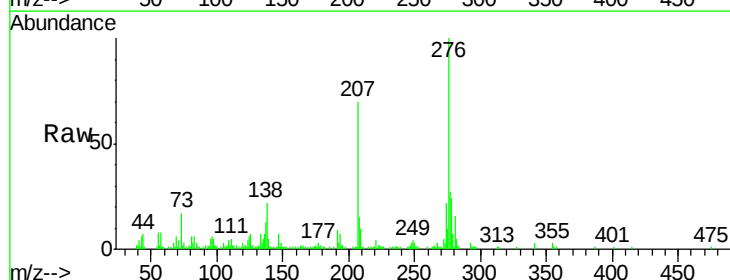
RT: 25.60 min Scan# 3912

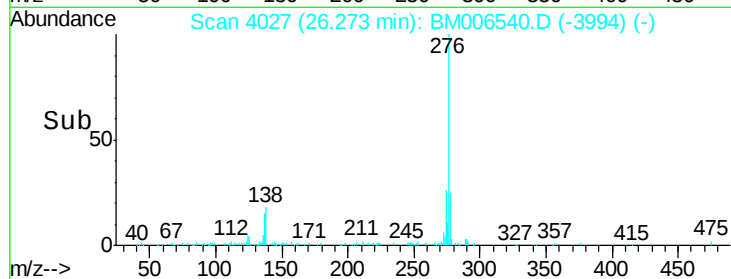
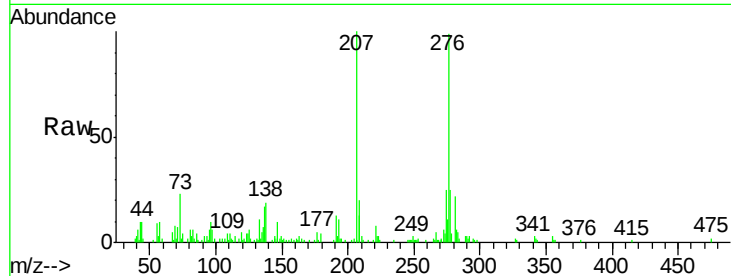
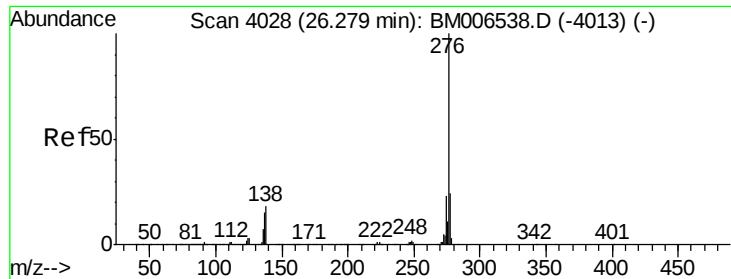
Delta R.T. -0.01 min

Lab File: BM006540.D

Acq: 20 Jul 2016 02:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.8	26.6
277	26.6	20.1	30.1





#91
 Benzo(g,h,i)perylene
 Concen: 1.32 ng/ul
 RT: 26.27 min Scan# 4027
 Delta R.T. -0.01 min
 Lab File: BM006540.D
 Acq: 20 Jul 2016 02:26

Tgt Ion:	276	Resp:	95595
Ion Ratio	Lower	Upper	
276	100		
138	18.8	15.0	22.4
277	25.1	19.0	28.4

Instrument :
 BNA_M
 ClientSampleId :
 BDJB3

Manual Integrations

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